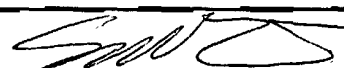
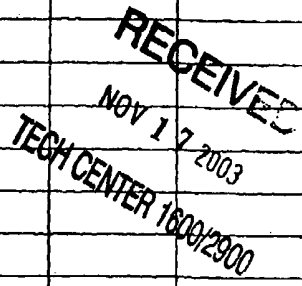
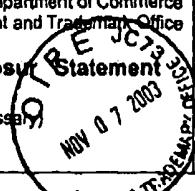


SHEET 1 OF 1

Substrate for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTORNEY'S DKT NO. 033352-010	APPLICATION NO. 09/978,309
	APPLICANT TONY CRUZ et al.	
	FILING DATE October 15, 2001	GROUP 1653

U.S. PATENT DOCUMENTS						
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)		
	Number	Kind Code (if known)				
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	No
swl	WO 93/21312		PCT	10/28/93		
	WO 00/01841		PCT	1/13/00		
	WO 00/29447		PCT	5/25/00		
	EP 0 721 012		Europe	7/10/96		
swl	EP 0 950 708		Europe	10/20/99		
NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
swl	Chao, et al., "The characterization of a human RHAMM cDNA: conservation of they hyaluronan-binding domains", <i>Gene</i> , Vol. 174, No. 2, (1996), pp. 299-306.					
	Jean, et al., "Unmasking a Hyaluronan-binding site of the BX7B type in the H3 heavy chain of the inter-alpha-inhibitor family". <i>European Journal of Biochemistry</i> , Vol. 268, No. 3, (1 Feb. 2001), pp. 544-553.					
	Volker, et al., " The human hyaluron receptor RHAMM is expressed as an intracellular protein in breast cancer cells", <i>J. Cell Science</i> , Vol. 111, (1998). pp. 1685-1694.					
swl	International Search Report of 8/22/2001 in PCT Application No. PCT/I00/01534 (copending application)					
Examiner Signature				Date Considered	4-8-2004	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 16602-009001	Application No. 09/978,309
Supplemental Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Tony Cruz et al.	
(37 CFR §1.98(b))		Filing Date October 15, 2001	Group Art Unit 1653




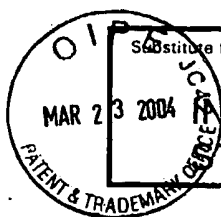
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
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	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
SWL	AL	WO 02/28415	04/11/2002	PCT				
SWL	AM	WO 02/13848	02/21/2002	PCT				
	AN							
	AO							
	AP							

SWL  
4-9-04

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature 	Date Considered 12-15-03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

 ATTORNEY'S DKT NO.  
033352-010

 APPLICATION NO.  
09/978,309

 APPLICANT  
Cruz, et al.

 FILING DATE  
October 15, 2001

 GROUP  
Unassigned

U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
SWL	RE32,011		Zimmerman et al.	10/22/85
	4,018,884		Cleeland, Jr. et al.	4/19/77
	4,359,535		Pieczenik	11/16/82
	4,376,110		David et al.	3/8/83
	4,411,993		Gillis	10/25/83
	4,486,530		David et al.	12/4/84
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	4,543,439		Frackelton, Jr. et al.	9/24/85
	4,551,433		DeBoer	11/5/85
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	4,739,866		Leder et al.	4/12/88
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	4,816,567		Snyder et al.	3/28/89
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	4,870,009		Evans et al.	9/26/89
	4,873,191		Wagner et al.	10/10/89
	4,897,255		Fritzberg et al.	1/30/90
	4,902,614		Wakabayashi et al.	2/20/90
	4,987,071		Cech et al.	1/22/91
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	5,091,309		Schlesinger et al.	2/25/92
	5,106,951		Morgan, Jr. et al.	4/21/92
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	5,204,244		Fell et al.	4/20/93
	5,217,879		Huang et al.	6/8/93
	5,219,740		Miller et al.	6/15/93
	5,221,778		Byrne et al.	6/22/93
SWL	5,225,539		Winter	7/6/93

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.



SHEET 2 OF 6

Substitute for form 1449A/PT <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTORNEY'S DKT NO. 033352-010	APPLICATION NO. 09/978,309
	APPLICANT Cruz, et al.	
	FILING DATE October 15, 2001	GROUP Unassigned

SWL	5,242,687	Fernandez-Pol	9/7/93
	5,243,041	Tykocinsky et al.	9/7/93
	5,254,678	Haseloff et al.	10/19/93
	5,266,317	Tomalski et al.	11/30/93
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	5,288,641	Roizman	2/22/94
	5,328,834	Ngo et al.	7/12/94
	5,359,051	Cook et al.	10/25/94
	5,387,742	Cordell	2/7/95
	5,347,075	Sorge	9/13/94
	5,395,750	Dillon et al.	3/7/95
	5,463,564	Agrafiotis et al.	10/31/95
	5,482,856	Fell, Jr. et al.	1/9/96
	5,506,337	Summerton et al.	4/9/96
	5,545,808	Hew et al.	8/13/96
	5,567,607	Zhao et al.	10/22/96
	5,580,859	Felgner et al.	12/3/96
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	5,633,076	DeBoer et al.	5/27/97
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	5,716,832	Barber et al.	2/10/98
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	5,770,380	Hamilton et al.	6/23/98
	5,780,009	Karatzas et al.	7/14/98
	5,780,225	Karatzas et al.	7/14/98
	5,789,245	Dubensky, Jr. et al.	8/4/98
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	5,851,529	Guber et al.	12/22/98
	5,840,479	Little et al.	11/24/98
	5,849,288	Reisner	12/15/98
SWL	5,872,005	Wang et al.	2/16/99

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SHEET 3 OF 6

Substitute for form 1449A/P <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTORNEY'S DKT NO. 033352-010	APPLICATION NO. 09/978,309
	APPLICANT Cruz, et al.	
	FILING DATE October 15, 2001	GROUP Unassigned

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
SWL	EP0360257		Europe	11/13/96		
	EP0415731		Europe	3/6/91		
	EP0440219		Europe	8/7/91		
	EP0612844		Europe	8/31/94		
	WO 89/01973		PCT	3/9/89		
	WO 90/02809		PCT	3/22/90		
	WO 90/07862		PCT	7/26/90		
	WO 90/07936		PCT	7/26/90		
	WO 91/00285		PCT	1/10/91		
	WO 92/06693		PCT	4/30/94		
	WO 92/15677		PCT	9/17/92		
	WO 92/15679		PCT	9/17/92		
	WO 93/10218		PCT	5/27/93		
	WO 93/11230		PCT	6/10/93		
	WO 93/12227		PCT	6/24/93		
	WO 93/20242		PCT	10/14/93		
	WO 93/25234		PCT	12/23/93		
	WO 93/25698		PCT	12/23/93		
	WO 94/03622		PCT	2/17/94		
	WO 95/02566		PCT	1/26/95		
	WO 95/04277		PCT	2/9/95		
	WO 95/10607		PCT	4/20/95		
	WO 95/12387		PCT	5/11/95		
	WO 95/16209		PCT	6/15/95		
	WO 95/16712		PCT	6/22/95		
	WO 95/16918		PCT	6/22/95		
	WO 95/24186		PCT	9/14/95		
	WO 95/24929		PCT	9/21/95		
	WO 95/30642		PCT	11/16/95		
	WO 96/00148		PCT	1/4/96		
	WO 97/38098		PCT	10/16/97		
SWL	WO 99/01164		PCT	1/14/99		
NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
SWL	Bauer, et al., "A genetic enrichment for mutations constructed by oligodeoxynucleotide-directed mutagenesis", <i>Gene</i> , 37:73-81, (1985)					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.



SHEET 4 OF 6

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTORNEY'S DKT NO. 033352-010	APPLICATION NO. 09/978,309
	APPLICANT Cruz, et al.	
	FILING DATE October 15, 2001	GROUP Unassigned

swl	Bird, et al., "Single-chain antigen-binding proteins", <i>Science</i> , 242:423-426, (1988)
	Brinster, et al., "Factors affecting the efficiency of introducing foreign DNA into mice by microinjecting eggs", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 82:4438-4442, (1985)
	Clothia, et al., "Domain association in immunoglobulin molecules", <i>J. Mol. Biol.</i> , 186:651, (1985)
	Craik, et al., "Use of oligonucleotides for site-specific mutagenesis", <i>BioTechniques</i> , pp. 12-19, (Jan. 1985)
	Curiel, et al., "High-efficiency gene transfer mediated by adenovirus coupled to DNA-polylysine complexes", <i>Hum. Gene Ther.</i> , 3:147-154, (1992)
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	Fisher-Hoch, et al., "Protection of rhesus monkeys from fatal Lassa fever by vaccination with a recombinant vaccinia virus containing the Lassa virus glycoprotein gene", <i>PNAS</i> , 86:317-321, (1989)
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swl	Kohler, et al., "Continuous cultures of fused cells secreting antibody of predefined specificity", <i>Nature</i> , 256:495-497, (1975)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.



SHEET 5 OF 6

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTORNEY'S DKT NO. 033352-010	APPLICATION NO. 09/978,309
	APPLICANT Cruz, et al.	
	FILING DATE October 15, 2001	GROUP Unassigned

swl	Kyte, et al., "A simple method for displaying the hydropathic character of protein", <i>J. Mol. Biol.</i> , 157:105-132, (1982)
	Liao, et al., "A simple high-efficiency method for random mutagenesis of cloned genes using forced nucleotide misincorporation", <i>Gene</i> , 88:107-111, (1990)
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swl	Wang, et al., "The overexpression of RHAMM, a hyaluronan-binding protein that regulates ras signaling, correlates with overexpression of mitogen-activated protein kinase and is a significant parameter in breast cancer progression", <i>Clinical Cancer Research</i> , 4:567-576, (1998)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.



SHEET 6 OF 6

Substitute for form 1449A/P <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTORNEY'S DKT No. 033352-010	APPLICATION No. 09/978,309
	APPLICANT Cruz, et al.	
	FILING DATE October 15, 2001	GROUP Unassigned

SWL	Wilchek, et al., "The Avidin-Biotin Complex in Bioanalytical Applications", <i>Anal. Biochem.</i> , 171:1-32, (1988)		
SWL	Wu, et al., "Targeting genes: delivery and persistent expression of a foreign gene driven by mammalian regulatory elements in vivo", <i>J. of Biol. Chem.</i> , 264:16985-16987, (1989)		
SWL	Yap, et al., "Transfer of specific cytotoxic t lymphocytes protects mice inoculated with influenza virus", <i>Nature</i> , 273:238-239, (1978)		
SWL	Zaho, et al., "Influence of <sup>7</sup> Li on disease progression in murine models of diabetes", <i>Lithium</i> , 2(4), pp. 227-234, (1991)		
Examiner Signature		Date Considered	4-7-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.



Substitute Form PTO-1449 (Modified) <b>MAR 23 2004</b> (37 CFR § 1.423(b)) PATENT & TRADEMARK OFFICE	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 16602-009001	Application No. 09/978,309
	<b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary)			
	Applicant Tony Cruz et al.		Filing Date October 15, 2001	Group Art Unit 1653

**U.S. Patent Documents**


Examiner Initial	Desig. ID	Document Number	Publication Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
SWL	AA	6,271,344	08/07/2001	Turley			12/16/1998
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
SWL	AI	WO 00/39166	07/06/2000	PCT				
SWL	AJ	WO 01/80899A2	11/01/2001	PCT				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
SWL	AK	William J. Kuhns et al., "Hyaluronic Acid-Receptor Binding Demonstrated by Synthetic Adhesive Proteoglycan Peptide Constructs and by Cell Receptors on the Marine Sponge Microciona prolifera," Reports from the MBL General Scientific Meetings; Reference: Biol. Bull. 195: 216-218 (October 1998)
SWL	AL	Savani et al., "The Role of Hyaluronan and Its Receptors in restenosis After Balloon Angioplasty: Development of a Potential Therapy", Inc. J. Tiss. Reac. XVII (4) pp. 141-151 (1995).
SWL	AM	W.F. Cheung, "Receptor for hyaluronan-mediated motility (RHAMM), a hyaladherin that regulates cell responses to growth factors", Biochemical Society Transactions, pp. 135-142 (02/1999).

Examiner Signature 	Date Considered 4-7-04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	